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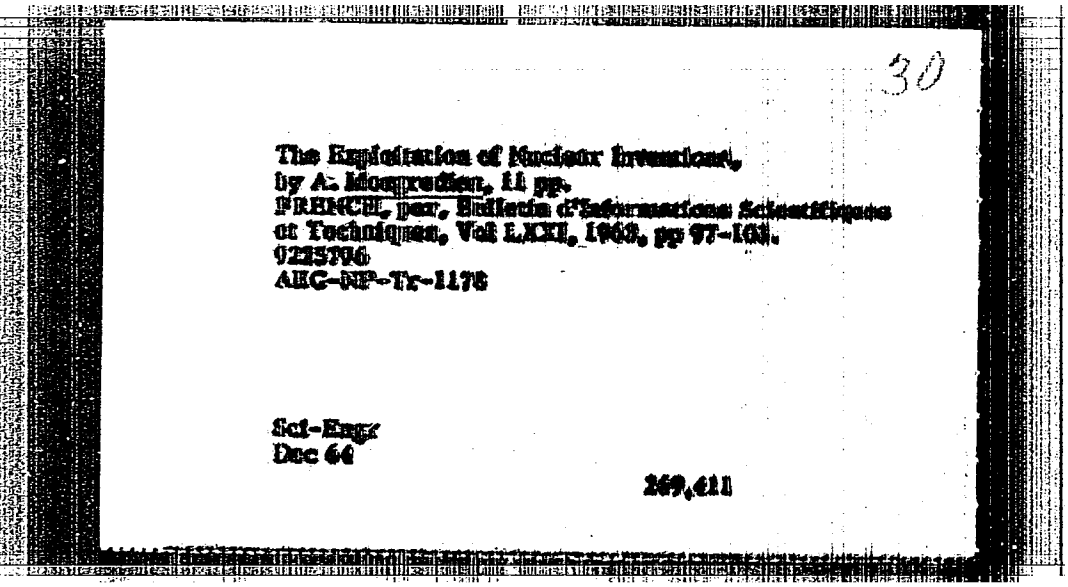

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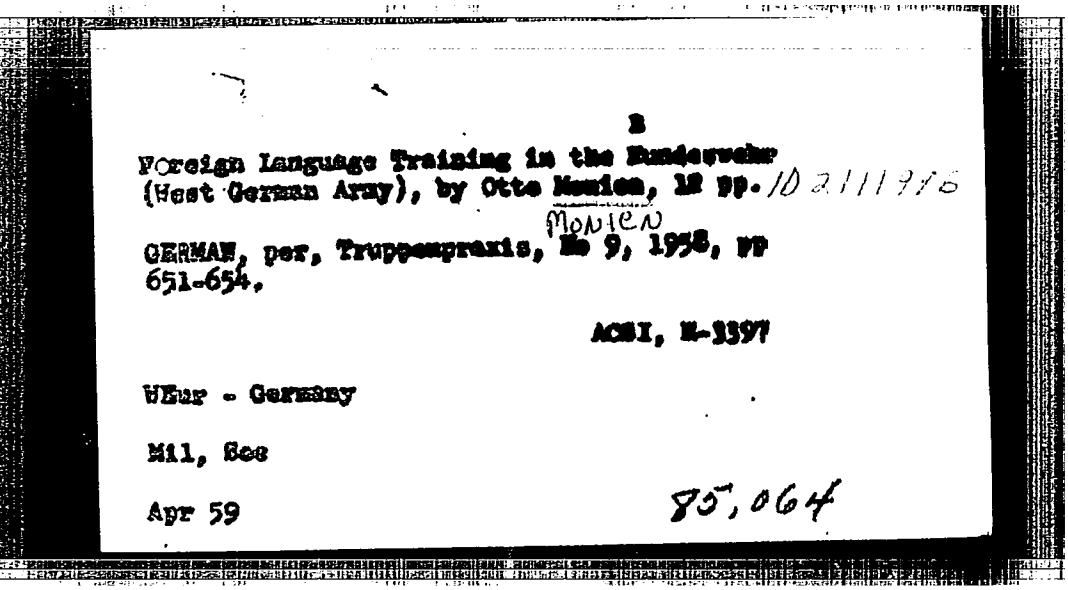

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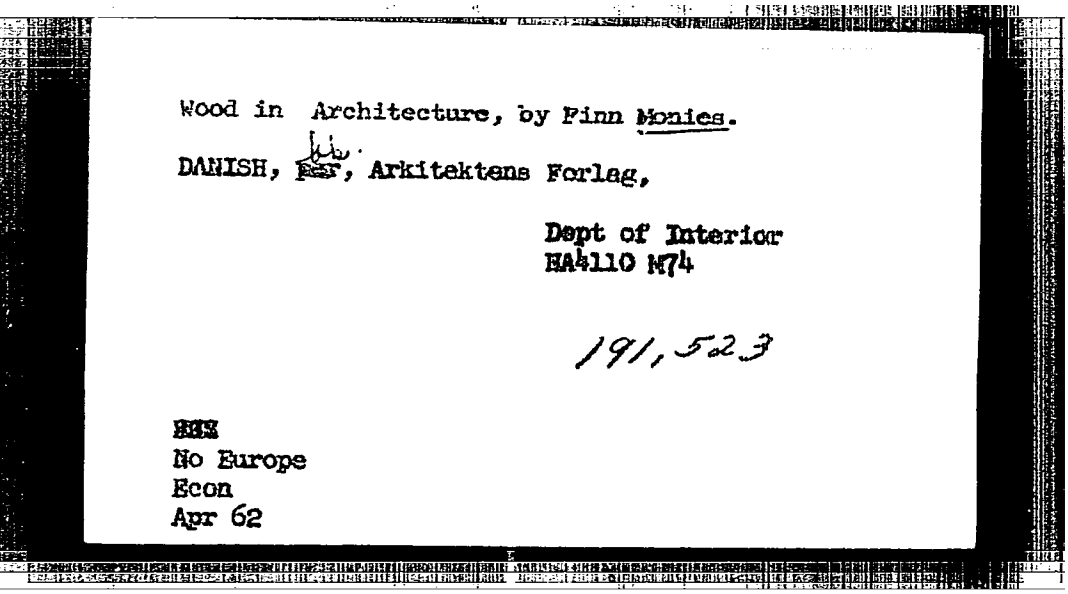

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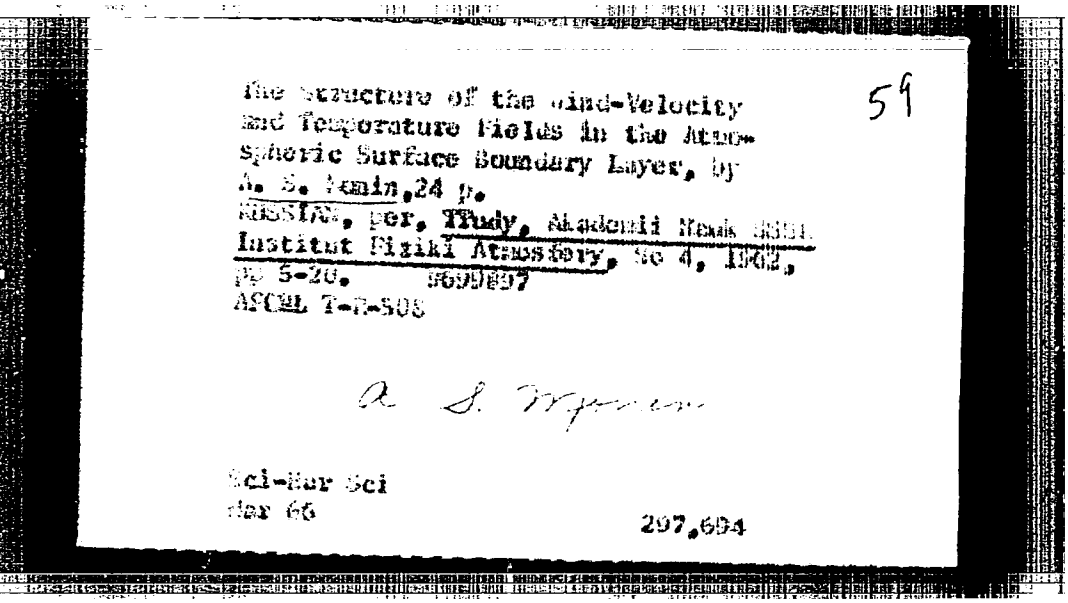

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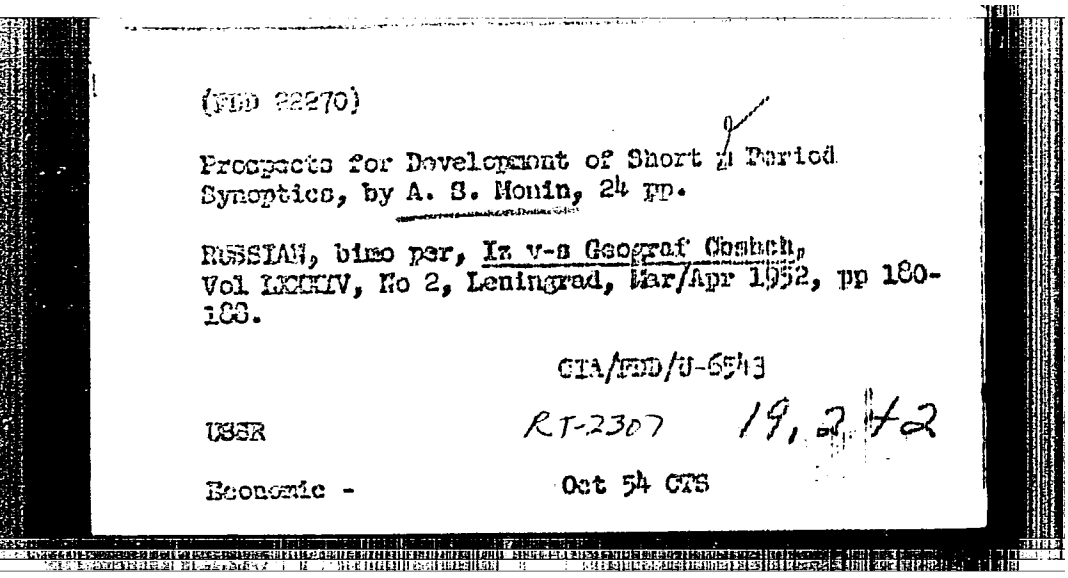

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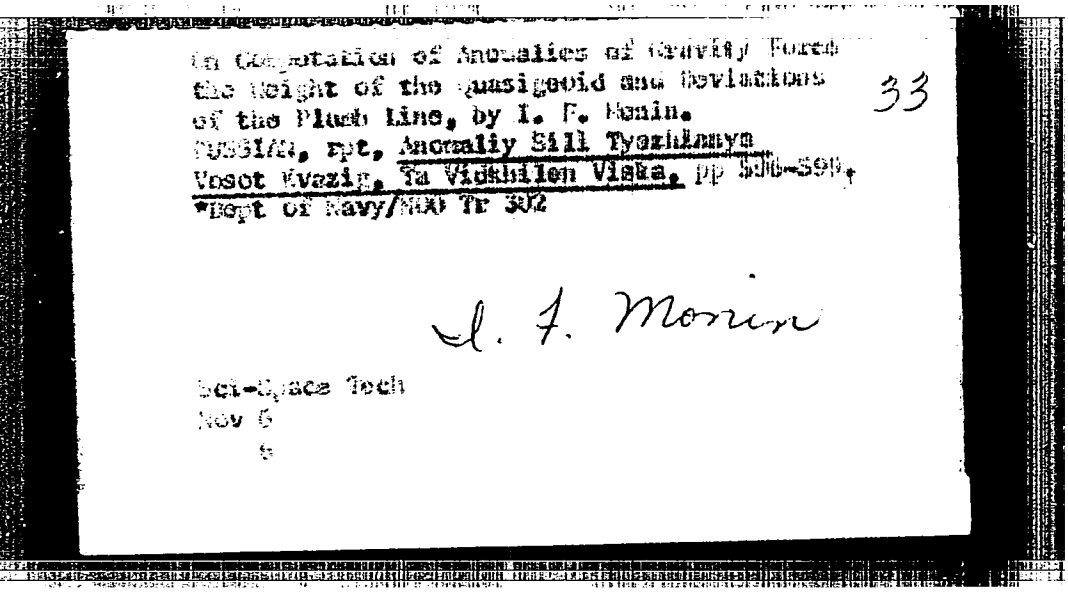

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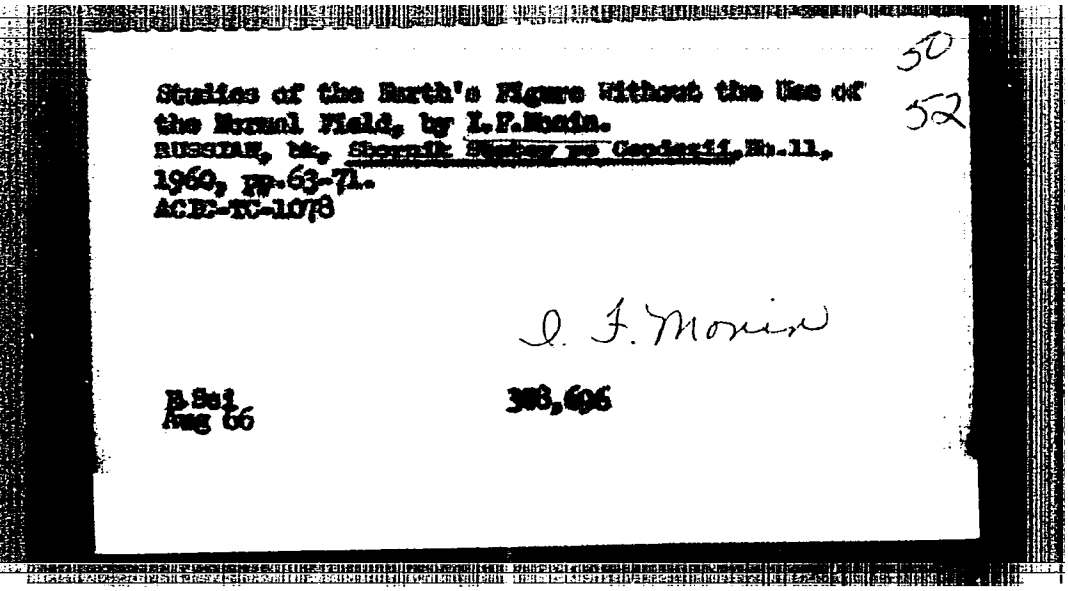

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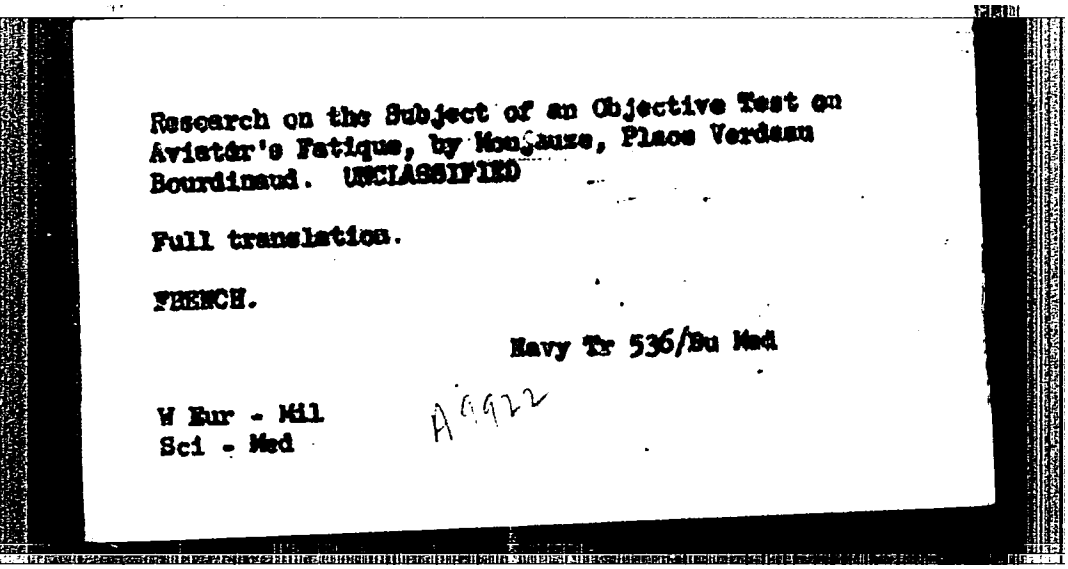

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DESCRIPTORS: *Space perception, *Visual acuity, Test methods.

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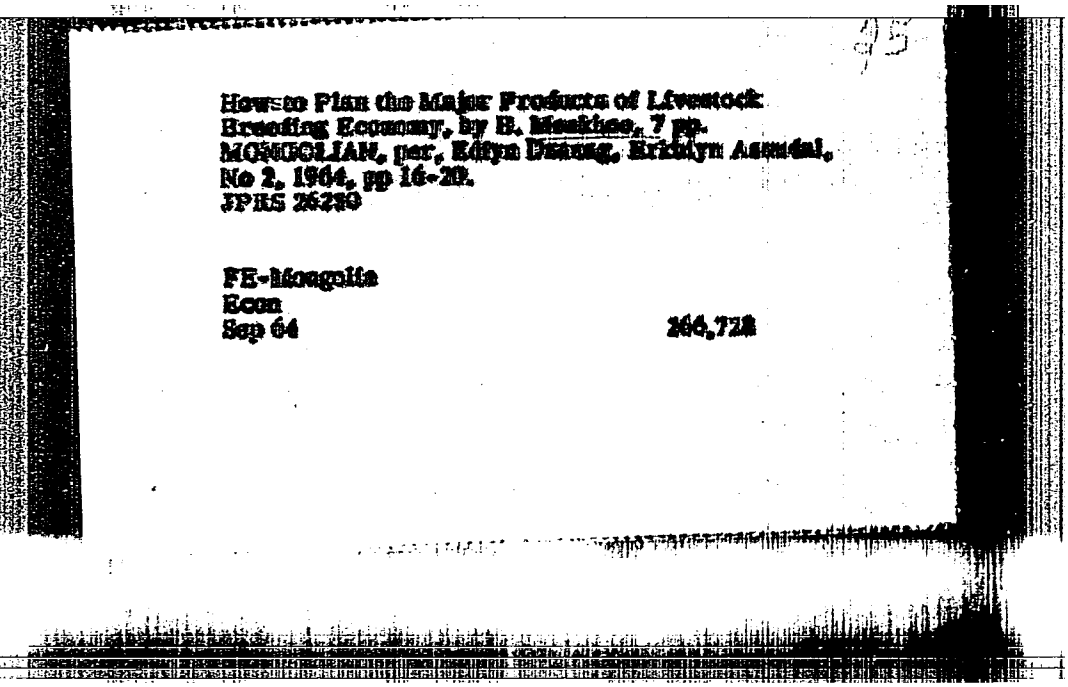

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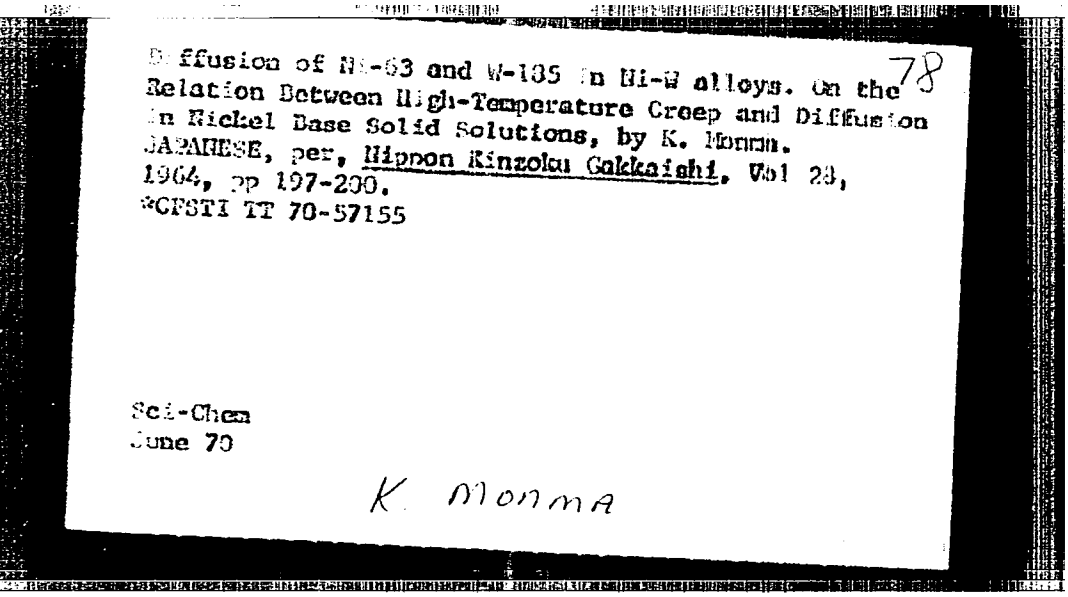

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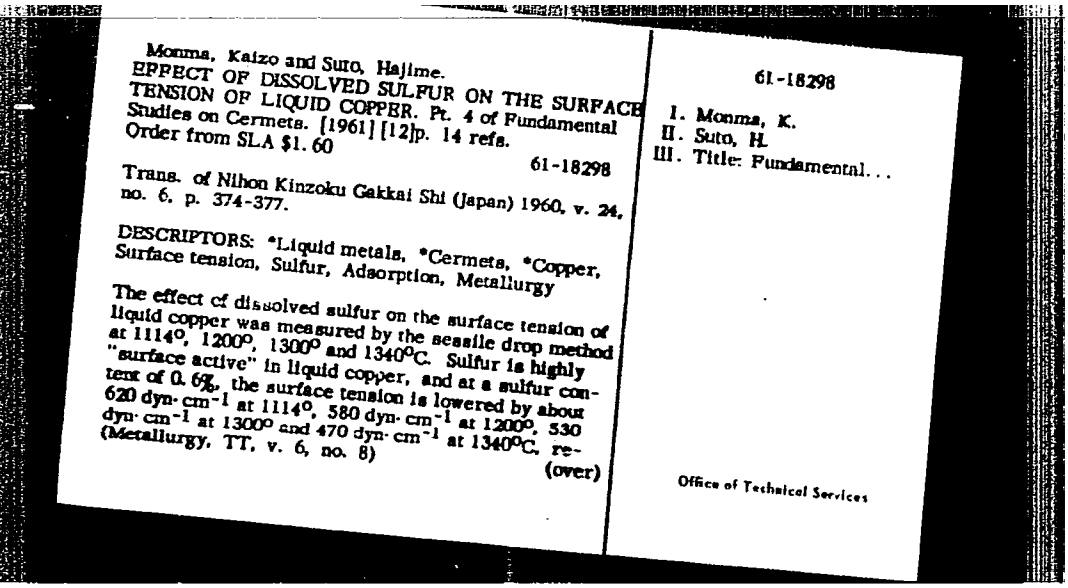

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Trans. of Nihon Kinzoku Gakkai Shi (Japan) 1960, v. 24, no. 6, p. 374-377.

DESCRIPTORS: *Liquid metals, *Cermets, *Copper, Surface tension, Sulfur, Adsorption, Metallurgy

The effect of dissolved sulfur on the surface tension of liquid copper was measured by the sessile drop method at 1114°, 1200°, 1300° and 1340°C. Sulfur is highly "surface active" in liquid copper, and at a sulfur content of 0.6%, the surface tension is lowered by about 620 dyn·cm^{-1} at 1114°, 580 dyn·cm^{-1} at 1200°, 530 dyn·cm^{-1} at 1300° and 470 dyn·cm^{-1} at 1340°C. re-
(Metallurgy, TT, v. 6, no. 8)
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